

circulatory system (heart: weight, valves, myocardium, pericardium):
 The pericardium is deficient anteriorly following surgery, with numerous fibrinous adhesions present between the pericardium and the epicardial surface of the heart. The heart is enlarged with significant right ventricular hypertrophy. Normal superior and inferior vena cavae leading into the right atrium. A dacron patch is inserted into the right ventricular outflow tract. Normal pulmonary venous drainage into the left atrium. A ligature was present around the ductus arteriosus. The inter-atrial septum shows a suture repair of a patent foramen ovale. The ventricular septal defect is repaired with a dacron velour patch. The pulmonary artery and right ventricular outflow tract is enlarged by the insertion of a dacron patch which widened the infundibular stenosis. The pulmonary artery was bicuspid with no fusion of the commissure. The left and right coronary arteries arise from the aortic sinuses. Temporary pacing wires are inserted over the right atrium and right ventricle.

Alimentary system (mouth, tongue, oesophagus, stomach and contents, duodenum, intestines, liver and gall bladder, pancreas, peritoneum):

Normal mouth, tongue, tonsils, oropharynx and oesophagus. Stomach contains white granular material. Normal duodenum, jejunum, ileum, appendix and normally rotated large bowel. The sigmoid colon and rectum contain faecal material. Normal external surface to the liver, the cut surface shows a pale appearance. Normal thin walled gall bladder, biliary tree, pancreas, peritoneal cavity and omentum. Mesentery lymph nodes are prominent. Peritoneal cavity contained approximately 50mls of straw coloured fluid.

Genito-urinary system (kidneys and ureters, bladder and urine, generative organs):

The kidneys are slightly swollen with smooth cortical surfaces. The cut surfaces show diffuse palor with poor cortico medullary demarcation. There is some congestion of the hilar soft tissue but there are normal calyces, ureters and bladder. Normal scrotal testes.

Reticulo-endothelial system (spleen, lymph nodes, thymus):

The thymus is disrupted following surgery; there is no significant lymphadenopathy. The spleen is a normal size with normal cut surface.

Endocrine system (thyroid, pituitary, adrenals):

Normal pituitary thyroid and adrenal glands.

In my opinion the cause of death was:

- I**
 Disease or condition directly leading to death*
 Antecedent causes. Morbid conditions, if any, giving rise to the above cause stating the underlying condition last.
- II**
 Other significant conditions, contributing to the death, but not related to the disease or condition causing it.*

- (a) Cerebral infarction.....
 due to (or as a consequence of)
- (b) Cardiac failure.....
 due to (or as a consequence of)
- (c) Fallot's tetralogy (surgical repair).....

Is any laboratory examination to be made which may affect the cause of death?
 (Note 10)
 YES/NO

* does NOT mean the mode of dying, such as (e.g.) heart failure, asphyxia, asthenia, etc. It means the disease, injury or complication which caused death. Conditions present which did NOT, in the pathologist's opinion, contribute materially to the death should NOT be included under this heading.

Conditions present but in the pathologist's opinion NOT contributing to the death (Note 11):

COMMENTS (Note 12):

All operative procedures appear to have been performed with due care and attention.

To the best of my knowledge no cardiac pacemaker remains in the body.

Signature and Qualification:

Name in BLOCK LETTERS

[Handwritten Signature]
 (42)

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